ABSTRACT OF THE DISCLOSURE

[53]   An ultrasound machine is disclosed that includes a method and apparatus for generating an image responsive to moving cardiac structure and blood, and for extracting clinically relevant information based on anatomical landmarks located within the heart. At least one processor is responsive to signals received from the heart to locate anatomical landmarks within the cardiac structure and generate position information of the anatomical landmarks, locate clinically relevant locations within the heart based on the position information of the anatomical landmarks, and extract clinically relevant information from the clinically relevant locations within the heart. The landmarks, clinically relevant locations, and clinically relevant information may be displayed to a user of the ultrasound machine.